

APRIL COLLECTING IN GEORGIA AND FLORIDA.

By Dr. D. M. CASTLE and PHILIP LAURENT.

We left Philadelphia on the 10th of April, taking the 12.09 P.M. train over the Atlantic Coast Line, arriving at Savannah, Ga., about noon the next day. After a hasty lunch we were off to Bonaventure, which is a suburb of Savannah, where we collected until approaching darkness warned us that it was time to retrace our steps. The 12th we visited Tybee Island, where we collected all day. The island is about an hour's ride from Savannah, and much resembles some of the beaches on the New Jersey coast, having a flat sandy beach, back of which are numerous sand dunes, back of which again we find a dense growth of trees and underbrush. The 13th another suburb of Savannah, known as the "Isle of Hope," received our attention. The party who gave the place its name was living here, and was no doubt living in hope of some day having sufficient means to enable them to get away from the desolate spot. As a collecting ground we were well satisfied with the place, as it was here that we captured a number of rare Georgia insects. During our stay at Savannah the following captures were made:

ARACHNIDA.

Lycosa punctulata Htz.
Dendryphantes retarius Htz.
Pardosa milvena Htz.

Pamphila panoquin Scud.
Mamestra laudabilis Gn.
Melipotis jucunda Hbn.
Crambus minimellus Rob.

ODONATA.

Nehalennia posita Hag.
Anomalagrion hastatum Say.

COLEOPTERA.

Cicindela hirticollis Say.
Morio monilicornis Lat.
Pterostichus lucublandis Say.
Platynus crenulatus

HOMOPTERA.

Homalodisca triquetra

" *rubripes* Zimm.

LEPIDOPTERA.

Phyciodes phaon Edw.
 " *tharos* var. *marcia* Edw.
Neonympha eurytris Fab.
 " *sosybius* Fab.

" *punctiformis* Say.
Lebia viridipennis Dej.
Chlænienus laticollis Say.
 " *nemoralis* Say.

Calephelis cænienus Linn.
Thecla melinus Hbn.

Agonoderus fuscatus Dej.
Stenolophus ochropezus Say.
Anisodactylus agilis Dej.

Lycena comyntas Gdt.
 " *isophthalma* H.-S.

Atheta sp.
 COLYDINIDÆ nov. gen. n. sp.
Epierus regularis Beauv.
Tenebrioides muritanica Linn.
Cardiophorus cardisce Say.

Anthocharis genutia Fab.
Papilio asterias Fab.
 " *palamedes* Dru.

Melanotus fissilis <i>Say.</i>	Typocerus zebratus <i>Fab.</i>
Limenius basillaris <i>Say.</i>	Goes debilis <i>Lec.</i>
Corymbites trivittatus <i>Lec.</i>	Chlamys plicata <i>var. assimilis Kl.</i>
Chalcophora virginiensis <i>Dru.</i>	Pachybrachys carbonarius <i>Hald.</i>
Taphrocerus	Diachus auratus <i>Fab.</i>
Telephorus lineola <i>Fab.</i>	Diabrotica 12-punctata <i>Oliv.</i>
“ bilineatus <i>Say.</i>	Galerucella notulata <i>Fab.</i>
Polemius limbatus <i>Lec.</i>	Oedionychis quercata <i>Fab.</i>
Pseudebæus apicalis <i>Say.</i>	“ <i>var. suturalis Fab.</i>
Melyris basalis <i>Lec.</i>	Haltica ignita <i>Ill.</i>
Clerus ichneumoneus <i>Fab.</i>	Chætocnema confinis <i>Cr.</i>
Passalus cornutus <i>Fab.</i>	Odontota bicolor <i>Oliv.</i>
Onthophagus hecate <i>Panz.</i>	Porphyraspis cyanea <i>Say.</i>
“ tuberculifrons <i>Har'd</i>	Caryoborus arthriticus <i>Fab.</i>
Psammodius bidens <i>Horn.</i>	Bruchus musculus <i>Say.</i>
Atænius abditus <i>Hald.</i>	Alphitobius piceus <i>Oliv.</i>
Aphodius fimetarius <i>Linn.</i>	Tharsus seditiosus <i>Lec.</i>
Trox suberosus <i>Fab.</i>	Phaleria picipes <i>Say.</i>
Diptotaxis subcostata <i>Blanch.</i>	Cteniopus murrayi <i>Lec.</i>
Ligyus rugiceps <i>Lec.</i>	Mordellistena pustulata <i>Melsh.</i>
Phileurus valgus <i>Fab.</i>	Eudiagogus pulcher <i>Fab.</i>
Euphoria inda <i>Linn.</i>	Anthonomus sexguttatus <i>Dietz.</i>
“ sepulchralis <i>Fab.</i>	Sphenophorus cariosus <i>Oliv.</i>
Elaphidion villosum <i>Fab.</i>	Phœnicobius chamæropis <i>Lec.</i>
Atimia dorsalis <i>Lec.</i>	Acylomus ergoti <i>Casey.</i>

Leaving Savannah by the midnight train on the 13th, we reached Enterprise, Fla., about two o'clock the following afternoon. The only hotel that the place can boast of was closed for the season, but a Mrs. Yandell came to our rescue and accommodated us with neat, clean rooms and beds. The table was supplied with good, wholesome food, and was all that could be expected when we take into consideration the fact that she only charged us the modest sum of one dollar a day. Live-oak and scrub-oak grow abundantly around Enterprise, and from these we obtained many rare and interesting specimens. The gopher tortoise (*Gopherus polyphemus*) is quite common some two miles from Enterprise, so on the 18th we excavated one of the gopher's burrows, and were fortunate enough to obtain specimens of many of the interesting insects known to inhabit the gopher's retreat. During the six days spent at Enterprise we collected the following insects:

ARACHNIDA.

- Dendryphantus retarius* Htz.
Hamatalina grisea Keys.
Icius palmarum Htz.
Philodromus ornatus Bks.
Misumena rosea Keys.
Tetragnatha laboriosa Htz.
Tmarsus floridensis Keys.
Zygoballus lettini Pck.
Tibellus duttoni Htz.
Astia vittata Htz.
Cheracanthium inclusa Htz.
Lycosa riparia Htz.
 " *erratica* Htz.
Sergiolus cyaniventris Sim.
Anypæna velox Beck.

ODONATA.

- Calopteryx maculata* Beauv.
Nehalennia irene Hag.
Enallagma durum Hag.
 " *pollutum* Hag.
 " *signatum* Hag.
Ischnura ramburii Selys.
 var. credula Hag.
Gomphus minutus Selys.
Tramea carolina Linn.
Libellula axillena Westw.
 " *auripennis* Burm.
Trithemis? minuscula Ramb.
Celithemis eponina Drury.
Perithemis domitia Drury.
Mesothemis simplicicollis Say.
Pachydiplax longipennis Burm.

ORTHOPTERA.

- Romalea microptera*
Ceuthophilus latibula Scud.
Arnalia chlorizaus Walk.
Leptysimia sp.
Chortophaga viridifasciata De G.
Thyreonotus sp.
Platyzosteria ingens Scud.
 " *sabalianus* Scud.
Ischnoptera sp.
Temnopteryx virginica Burm.
Anisomorpha buprestoides Stoll.
Labidura riparia Patt.

HEMIPTERA.

- Emesa longipes* De G.
Leptocoris tipuloides De G.

HOMOPTERA.

- Aulacizes irrorata* Fab.
Oncometopia undata Fab.
Cyarda punctata Watk.

LEPIDOPTERA.

- Agraulis vanillæ* Linn.
Phyciodes phaen Edw.
Pyrameis atalanta Linn.
 " *huntera* Fab.
Neonympha eurytris Fab.
 " *sosybius* Fab.
Thecla favonius S. and A.
Pieris monuste Linn.
 " *protodice* Bd.-Lec.
Catopsilia eubule Linn.
Terias lisa Bd.-Lec.
Papilio ajax var. telamonides Feld.
 " *thoas* Linn.
 " *asterias* Fab.
 " *palamedes* Dru.
 " *philenor* Linn.
Ancyloxypha numitor Fab.
Pamphila campestris Bdv.
 " *phylæus* Dru.
 " *brettus* Bd.-Lec.
 " *accius* S. and A.
 " *vitellius* S. and A.
Nisoniades nævius Lint.
Eudamus pylades Scud.
 " *proteus* Linn.
Cosmosoma omphale Hbn.
Dahana atripennis Grt.
Harrisina americana Harr.
Crocota rubicundaria Hbn.
Utetheisa bella Linn.
Renia brevirostralis Grt.
Caberodes confusaria Hbn.
Eois minutularia Hbst.
Boarmia pampinaria? Gn.
Margaronia quadristigmalis Gn.
Hydrocampa stenialis Gn.
Phæcasiophora confixana Watk.

DIPTERA.

- Psilocephala pictipennis
 Psilopus ciliatus *Linn. ?*
 Trichopoda formosa *Wied.*
 " lanipes *Fab.*
 Jurinia hystrix *Fab.*
 Sarcophaga sp.
 Gymnoprosope polita *Town.*
 Systoechus solitus *Walk.*

COLEOPTERA.

- Scarites subterraneus *Fab.*
 Dyschirius sellatus *Lec.*
 Clivina americana *Dej.*
 Ardistomis obliquata *Putz.*
 Tachys nanus *Gyll.* [Lec.
 Platynus californicus *var. floridanus*
 Lebia pumila *Dej.*
 " viridipennis *Dej.*
 Callida viridipennis *Say.*
 " decora *Fab.*
 " fulgida *Dej.*
 Brachynus cyanipennis *Say.*
 " fumans *Fab.*
 Chlænienus prasinus *Dej.*
 " nemoralis *Say.*
 Oodes 14-striatus *Chd.*
 Anisodactylus rusticus *Dej.*
 Necrophorus carolinus *Linn.*
 Ptomaphagus consobrinus *Lec.*
 Creophilus villosus *Grav.*
 Philonthus longicornis *Steph.*
 Conosoma basale *Er.*
 Bryoporus rufescens *Lec.*
 Oxytelus insignitus *Grav.*
 Hippodamia convergens *Guer.*
 Coccinella sanguinea *Linn.*
 Psyllobora nana *Muls.*
 Chilocorus bivulnerus *Muls.*
 Exochomus contristatus *Muls.*
 Brachyacantha ursina *var. basalis*
 Melsh. ?
 Hyperaspis bigeminata *Rand.*
 Hyperaspidium militaris *Lec.*
 Scymnus terminatus *Say.*
 Dermestes vulpinus *Fab.*

- Hololepta quadridentata *Fab.*
 Hister abbreviatus *Fab.*
 " americanus *Payk.*
 Saprinus pennsylvanicus *Payk.*
 " assimilis *Payk.*
 Cardiophorus gagates *Er.*
 Melanotus clandestinus *Er.*
 Anthaxia quercata *Fab.*
 Chrysobothris chrysœla *Ill.*
 Agrilus ruficollis *Fab.*
 Taphrocerus
 Brachys ovata *Web.*
 " fascifera *Sc.*
 Pachyscelus cæruleus *Sc.*
 Eros trilineatus *Melsh.*
 Plateros canaliculatus *Say.*
 Pyractomena ecostata *Lec.*
 Photinus lineellus *Lec.*
 " pyralis *Linn.*
 Chaulignathus marginatus *Fab.*
 Podabrus rugulosus *Lec.*
 Telephorus costipennis *Lec.*
 " rectus *Melsh.*
 Temnopsopus impressus *Sz.*
 Pseudebæus apicalis *Say.*
 " oblitus *Lec.*
 Attalus circumscriptus *Say.*
 Clerus rosmarus *Say.*
 " lunatus *Spin.*
 Petalium bistriatum *Say.*
 Hemiptychus castaneus *Hamilton.*
 Canthon depressipennis *Lec.*
 " lævis *Drury.*
 Copris gopheri *Hubbard.*
 Phænæus difformis *Lec.*
 Onthophagus hecate *Panz.*
 " polyphemus *Hubbard.*
 " tuberculifrons *Har'd*
 " pennsylvanicus *Ha'd*
 Atænius imbricatus *Melsh.*
 Aphodius stercorosus *Melsh.*
 " troglodytes *Hubbard.*
 Anomala undulata *Melsh.*
 Cremastochilus harrisii *Kirby.*
 Trichius affinis *Gory.*
 Romaleum pumilum *Newm.*
 Strangalia strigosa *Newm.*

- Typocerus zebratus Fab.*
Liopus punctatus Lec.
Methia pusilla Newm.
Lema cornuta Fab.
 " *collaris Say.*
 " *solani Fab.*
 " *confusa Chev.*
 " *conjuncta Lac.*
 " *trilineata Oliv.*
 " *6-punctata var. albinus Lac.*
Anomoea laticlavata Forst.
Chlamys plicata Fab.
 " " *var. assimilis Kl.*
 " " *var. tuberculata Kl.*
Exema gibber Oliv.
 " *conspersa var. dispar Lec.*
Bassaricus croceipennis Lec.
 " " *var. vittatus Suffr.*
Cryptocephalus bivius Newm.
 " *aulicus Hald.*
 " *incertus Oliv.*
Griburius larvatus Newm.
Pachybrachys litigiosus Suffr.
 " *limbatus Newm.*
 " *trinotatus Melsh.*
 " *atomarius Melsh. ?*
Monachus ater Hald.
 " *saponatus Fab.*
Triachus atomus Suffr.
Typophorus canellus Fab.
Metachroma pellucida Cr.
Graphops curtispennis Melsh.
Rhabdopterus picipes Oliv.
Chrysomela cephalanthi Sz.
 " *scalaris Lec.*
Galerucella integra Lec.
Hypolamps pilosa Ill. [Fab.
Oedionychis vians var. concinna
 " *6-maculata Ill.*
 " *quercata Fab.* [Fab.
 " " *var. suturalis*
Disonychia collaris var. collata Fab.
Haltica ignita Ill.
Diphaulaca bicolorata Horn.
Longitarsus testaceus Lec.
Phyllotreta vittata Fab.
- Dibolia vineta*
Psyllodes elegans Horn.
Microrhopala erebus Newm.
Odontota notata Oliv.
 " *nervosa Panz.*
Charistena nigrita Oliv.
Porphyraspis cyanea Say.
Coptocycla aurifalcea Fab.
 " *arizonæ Cr.*
 " *guttata Oliv.*
 " *clavata Fab.*
Bruchus alboscuteellatus Horn.
Epitragus tomentosus Lec.
Polyleurus nitidus Lec.
Nyctobates pennsylvanicus DeG.
Hydratrinus aciculatus Lec.
Tharsus seditiosus Lec.
Paratenetus punctatus Sol.
Platydemus flavipes Fab.
 " *ellipticum Fab.*
Boletophagus bifurcus Fab.
Helops cisteloïdes Germ.
Hymenorus obscurus Say.
Cistela sericea Say.
Ctenopus murrayi Lec.
Statira croceicollis Mkl.
 " *basalis Horn.*
Allopora lutea Hald.
Oxaxis granulata Lec.
Mordella scutellaris Fab.
Mordellistena aspersa Melsh. ?
 " *pustulata Melsh.*
 " *ambusta Lec.*
Xylophilus n. sp.
Tomoderus interruptus Laf.
Anthicus vicinus⁴⁹ Laf.
Epicauta strigosa Gyll.
Eugnamptus striatus Lec.
Rhynchites hirtus Fab.
Pterocolus ovatus Fab.
Attelabus nigripes Lec.
Neoptochus adpersus Boh.
Eudiagogus pulcher Fab.
Brachybanus electus Germ.
Onychylis nigristrois Boh. ?
Otidoccephalus myrmex Hbst.
Magdalis perforata Horn.

Notolomus basalis Lec.

Læmosaccus plagiatus Fab.

Chalcodermus æneus Boh.

Cryptorhynchus bisignatus Say.

Ceutorhynchus n. sp.

Baris umblicata Lec.

Centrinus picumnus Hbst.

“ *rectirostris* Lec.

“ *concinus* Lec.

“ *confusus* Boh.

Rhynchophorus cruentatus Fab.

Phænicobius chamæropis Lec.

Cratoparis lunatus Fab.

HYMENOPTERA.

Hylotoma rubiginosa Beau.

Sphex bifoveolatus Tasch.

Polistes instabilis Sauss.

“ *bellicosus*

“ *canadensis*

“ *rubiginosus* St. Farg.

Monobia quadridens Linn.

Vespa carolina Dru.

Osmia faceta Cress.

Xylocopa virginica Dru.

Bombus americanorum Fab.

Sceliphron cementarius

“ *cæruleum*

(To be continued.)

NEWSPAPER ENTOMOLOGY in relation to the Department of Agriculture. —As he stepped out of the door of the Agriculture Building, Secretary Morton pointed to a small brick structure to the east, “That’s where we keep our insects,” he said, “and no one need laugh at the collection. I regard it as fine an array of bugs as any on earth. Yes sir,” (remarked the Secretary, while his eye twinkled, for, be it known, the Secretary doesn’t think much of bug investigations) “I’ve got a bug in there that cost the government \$20,000; he doesn’t look it, but he did. It’s a fact. One day an outfit of scientists started in pursuit of this bug. They ranged all over the hemisphere and stuck to his trail like bloodhounds. They ransacked North America all the way from the Isthmus to Alaska. After most remarkable adventures by flood and field, they treed the bug and took him prisoner. He was then brought captive to Washington, and he’s right there now in that brick house, the highest-priced bug on earth. A round-up of the total expense of that one bug hunt came to over \$20,000, but we got the bug. There’s nothing like science,” remarked the Secretary. —*Washington Post*.

AN ANT FIFTEEN YEARS OLD.—Sir John Lubbock, the naturalist, has been experimenting to find out how long the common ant would live if kept out of harm’s way. On Aug. 8, 1888, an ant which had been thus kept and tenderly cared for died at the age of fifteen years, which is the greatest age any species of insect has yet been known to attain. Another individual of the same species of ant (*Formica fusca*) lived to the advanced age of thirteen years, and the queen of another kind (*Lasius niger*) laid fertile eggs after she had passed the age of nine years.—*Scientific American*.

I WOULD like to change the name of the species described by me in ENT. NEWS, 1896, p. 215, as *Tropidia nigricornis* to *Tropidia montana*. I find that the name *nigricornis* has been used by Philippi for a Chilean *Tropidia*.—W. H. HUNTER, Lincoln, Neb.